

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/086276 A1

(51) International Patent Classification⁷: **G06F 17/60**

(SE). **FORSHED, Östen** [SE/SE]; Hammerstavägen 102, S-122 60 Enskede (SE). **BOSTRÖM, Patrik** [SE/SE]; Nordingrågatan 4, S-162 53 Vällingby (SE).

(21) International Application Number:
PCT/SE2004/000449

(74) Agent: **BERGENSTRÅHLE & LINDVALL AB**; Box 17704, S-118 93 Stockholm (SE).

(22) International Filing Date: 24 March 2004 (24.03.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0300888-5 27 March 2003 (27.03.2003) SE
0301967-6 3 July 2003 (03.07.2003) SE

(71) Applicant (for all designated States except US): **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; S-164 83 Stockholm (SE).

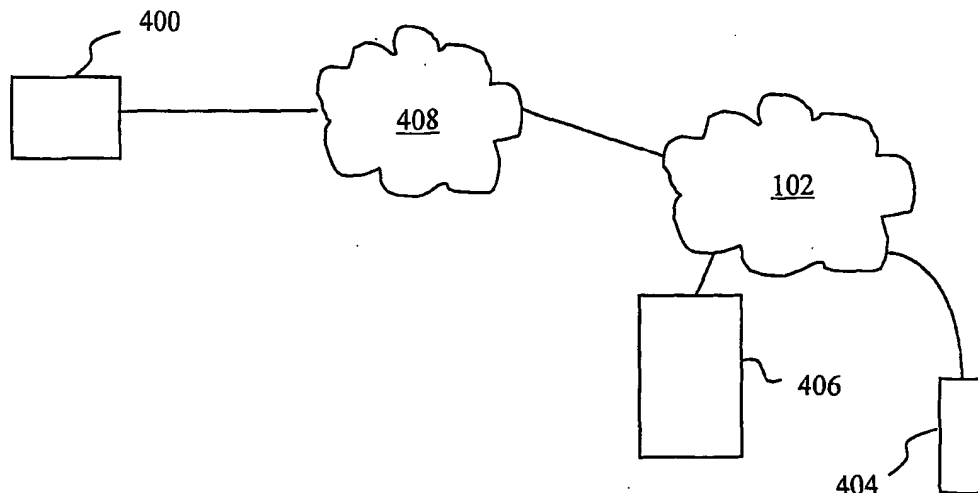
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JOHANSSON, Niklas** [SE/SE]; Furusundsgatan 18, S-115 37 Stockholm

[Continued on next page]

(54) Title: A METHOD AND APPARATUS FOR SUPPORTING CONTENT PURCHASES OVER A PUBLIC COMMUNICATION NETWORK



(57) Abstract: A method and apparatus for supporting a purchase of content over a public communication network from a content provider (404) to a customer (400) using an access operator for communication. The content provider receives a purchase request for content from the customer over the public network (102). The requested purchase is validated by a transaction router (406) which identifies the access operator and checks whether the operator approves the requested purchase. The content provider then delivers content to the customer if the purchase has been validated. Finally, the customer can be charged for the purchase by the access operator. The transaction router acts as a common payment mediator between plural operators and content providers, such that only one trusted relationship needs to be established with the transaction router for each operator and each content provider, respectively.

WO 2004/086276 A1



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*